

**Supplementary Table 3. MRI Features of HCCs according to LI-RADS Category**

Variable	LR-4/5 (n = 190)	LR-M with Rim APHE (n = 25)	LR-M without Rim APHE (n = 27)	<i>p</i>
Major features				
Non-rim APHE	187 (98.4)	0 (0)	26 (96.3)	< 0.001
Non-peripheral washout	163 (85.8)	18 (72.0)	19 (70.4)	0.043
Enhancing capsule	135 (71.1)	10 (40.0)	14 (51.9)	0.002
Targetoid appearance				
Rim APHE	0 (0)	25 (100)	0 (0)	< 0.001
Peripheral washout	0 (0)	6 (24.0)	0 (0)	< 0.001
Delayed central enhancement	0 (0)	4 (16.0)	6 (22.2)	< 0.001
Targetoid restriction	0 (0)	5 (20.0)	5 (18.5)	< 0.001
Targetoid TP or HBP appearance	0 (0)	11 (44.0)	22 (81.5)	< 0.001
MVI imaging features				
Non-smooth tumor margin	91 (47.9)	21 (84.0)	13 (48.2)	0.003
Peritumoral enhancement on AP	31 (16.3)	9 (36.0)	8 (29.6)	0.027
Peritumoral hypointensity on HBP	40 (21.1)	13 (52.0)	10 (37.0)	0.002

Data indicate numbers of patients, with percentages in parentheses. *p* values were determined by comparing characteristics across the three LR categories. LI-RADS categories were defined as LR-4 (probably HCC), LR-5 (definitely HCC), and LR-M (probably malignant, not specific for HCC). AP = arterial phase, APHE = arterial-phase hyperenhancement, HBP = hepatobiliary phase, HCC = hepatocellular carcinoma, LI-RADS = Liver Imaging Reporting and Data System, MVI = microvascular invasion, TP = transitional phase